

Title (en)

TRANSLATION MODEL TRAINING METHOD, SENTENCE TRANSLATION METHOD AND APPARATUS, AND STORAGE MEDIUM

Title (de)

TRAININGSVERFAHREN FÜR ÜBERSETZUNGSMODELL, VERFAHREN UND VORRICHTUNG ZUR ÜBERSETZUNG EINES SATZES UND SPEICHERMEDIUM

Title (fr)

PROCÉDÉ D'APPRENTISSAGE DE MODÈLE DE TRADUCTION, PROCÉDÉ ET APPAREIL DE TRADUCTION DE PHRASES, ET SUPPORT D'INFORMATIONS

Publication

EP 3792789 A1 20210317 (EN)

Application

EP 19800044 A 20190329

Priority

- CN 201810445783 A 20180510
- CN 2019080411 W 20190329

Abstract (en)

Embodiments of the present application disclose a translation model training method, a sentence translation method and apparatus, and a storage medium. The translation model training method comprises: a computer apparatus acquiring a training sample set, wherein the training sample set comprises multiple training samples; the computer apparatus determining disturbance sample sets respectively corresponding to the multiple training samples in the training sample set, wherein the disturbance sample set comprises at least one disturbance sample, and a semantic similarity between the disturbance sample and the corresponding training sample is higher than a first preset value; and the computer apparatus using the multiple training samples and the disturbance sample sets respectively corresponding to the multiple training samples to train an initial translation model so as to acquire a target translation model. In the solution provided by the embodiments of the present application, disturbance samples are introduced in model training, thereby improving the robustness of machine translation and the translation quality.

CPC (source: EP US)

G06F 9/30196 (2013.01 - US); **G06F 18/214** (2023.01 - EP US); **G06F 18/2413** (2023.01 - EP); **G06F 40/216** (2020.01 - EP); **G06F 40/247** (2020.01 - EP); **G06F 40/284** (2020.01 - EP); **G06F 40/30** (2020.01 - EP US); **G06F 40/40** (2020.01 - US); **G06F 40/44** (2020.01 - EP US); **G06N 3/045** (2023.01 - EP); **G06N 3/08** (2013.01 - EP US); **G06N 7/01** (2023.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 11900069 B2 20240213; **US 2020364412 A1 20201119**; CN 110472251 A 20191119; CN 110472251 B 20230530; EP 3792789 A1 20210317; EP 3792789 A4 20210707; JP 2021515322 A 20210617; JP 7179273 B2 20221129; WO 2019214365 A1 20191114

DOCDB simple family (application)

US 202016987565 A 20200807; CN 201810445783 A 20180510; CN 2019080411 W 20190329; EP 19800044 A 20190329; JP 2020545261 A 20190329